

STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM

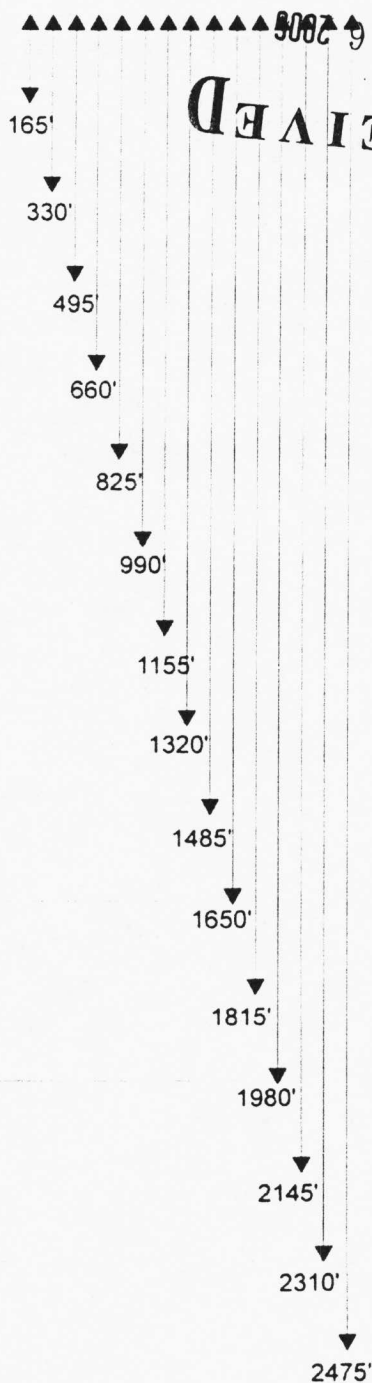
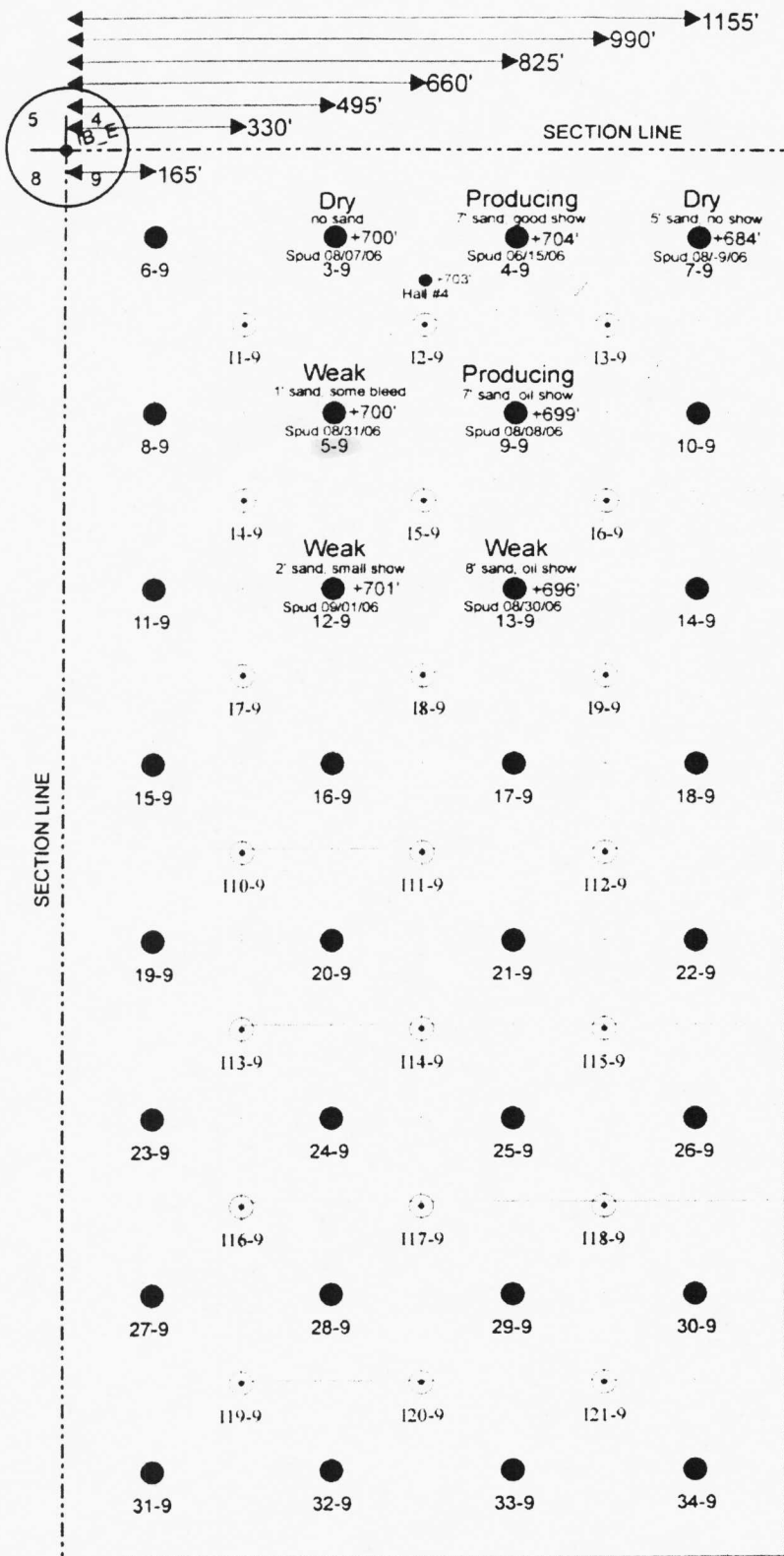
FORM OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR OSBORN ENERGY, LLC				DATE 5/18/2006			
ADDRESS 24850 FARLEY		CITY BUCYRUS		STATE KS	ZIP CODE 66013		
<b>DESCRIPTION OF WELL AND LEASE</b>							
NAME OF LEASE OSBORN				WELL NUMBER 5-9		ELEVATION (GROUND) 955	
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 550 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South section line 495 ft. from <input type="checkbox"/> East <input checked="" type="checkbox"/> West section line							
WELL LOCATION Sec. 9 Township 43 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE		LONGITUDE	
				COUNTY CASS			
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 495 FEET							
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 330 FEET							
PROPOSED DEPTH 600'	DRILLING CONTRACTOR, NAME AND ADDRESS OSBORN ENERGY, LLC BUCYRUS, KS			ROTARY OR CABLE TOOLS		APPROX. DATE WORK WILL START	
NUMBER OF ACRES IN LEASE 4000	NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 3						
				NUMBER OF ABANDONED WELLS ON LEASE none			
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME ADDRESS				NO. OF WELLS PRODUCING INJECTION INACTIVE ABANDONED			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$		<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 30000.00		<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED	
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)							
PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8"		Portland	20'	8"		to Surface
600'	4 1/2"		Portland	600'	4 1/2"		to Surface
I, the Undersigned, state that I am the geologist of the Osborn Energy, LLC (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.							
SIGNATURE Meredith D. Pearson				DATE May 18, 2006			
PERMIT NUMBER 20762				<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input checked="" type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT			
APPROVED DATE 6-15-06				<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN			
APPROVED BY Meredith D. Pearson							
<b>NOTE</b> ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.							
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE							
I, Meredith of the (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.							
DRILLER'S SIGNATURE Meredith D. Pearson				DATE May 18, 2006			

SEP 26 2006

RECEIVED



W/2 OF THE NW/4 OF SECTION 9, T43N, R33W

- IB\_E IRON BAR W/ALUM CAP EXISTING
- PROPOSED OIL WELL
- PROPOSED INJECTION WELL

 **Osborn Energy, LLC**

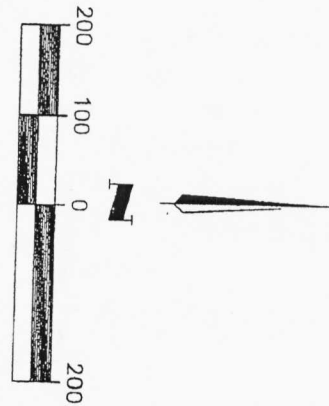
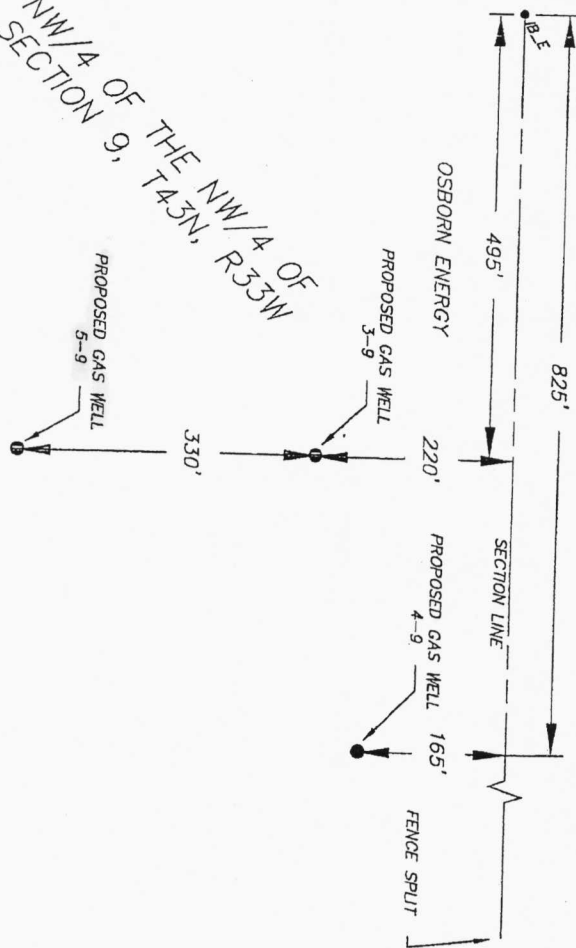
24850 FARLEY STREET  
BUCYRUS, KS 66013  
ph (913) 533-9900  
fax (913) 533-9955

RECEIVED

MAY 22 2006

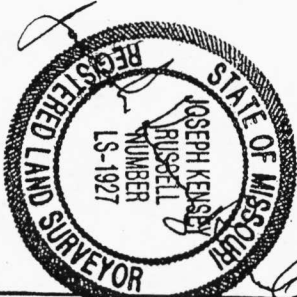
Mo Oil & Gas Council

NW/4 OF THE NW/4 OF  
 SECTION 9, T43N, R33W



LEGEND:

- I.B.E. - IRON BAR W/ALUM CAP EXISTING
- - PROPOSED GAS WELL



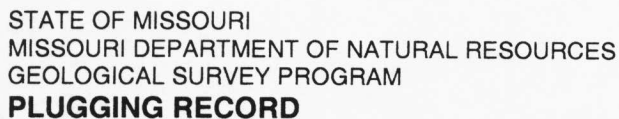
This is to certify that to the best of my knowledge and belief this map accurately represents the results of a survey performed on 05/12/2006.  
 BY: *Joseph Kensey Russell* DATE: 5-12-06

Original Signature in a color other than black.

1. THIS IS NOT A BOUNDARY SURVEY. IT IS FOR PROPOSED GAS WELL LOCATION.
2. GROUND ELEVATIONS AT WELL LOCATIONS INTERPOLATED FROM USGS FREEMAN, MO-KANS. QUADRANGLE MAP NO. 1929

SHEET NO. 1	OSBORN ENERGY GAS WELL LOCATION	<b>SHAFER, KLINE &amp; WARREN, INC.</b> 811 Jackson Street, Chillicothe, MO 64601 660/848-8748 Fax 660/848-8791 OTHER OFFICE LOCATIONS: Iola, KS Overland Park, KS Warren, MO Kansas City, MO OPA, GEARBOX • CUSTOM PARTS • MECHANICAL SERVICES • LUBRICANT SERVICES • WELD SERVICES • LEO PLUMBERS	Designed By: 6 Drawn By: TAT 4 Checked By: KRS 3 Issue Date: 05/2006 2 Job No. 301329 1	NO. DATE REVISIONS BY APP'D 1 2 3 4 5
	OSBORN-NW/4 SEC. 9 SITE CASS COUNTY, MISSOURI		Copyright © 2002-SHAFER, KLINE & WARREN, INC.	

Cass 037-20762



WELL# L-LOSI LEASE NAME OSBORN SPUD DATE 8-31-06  
 COMPANY OSBORN DRILLER MITE RIG TYPE AIR

THICK	FORMATION	RUN TOTAL	COMMENTS	GAS TESTS	JOINTS IN	OUT
20	SURFACE	20			1	20 51
4	Lime	24			2	40 50
2	Shale	26			3	60 49
2	BLK-SLT	28	no Gas		4	80 48
2	Shale	30			5	100 47
32	Lime	55	(Bet max)		6	120 46
4	Shale	56	(falls L/S)		7	140 45
2	<del>BLK-SLT</del>	58	no Gas		8	160 44
3	<del>Lime</del>	61			9	180 43
3	Shale	64			10	200 42
5	Lime	69	<del>HEATH</del>		11	220 41
2	Shale	71			12	240 40
1	Lime	72	HEATH		13	260 39
146	Shale	218			14	280 38
1	BLK-SLT	219	no Gas		15	300 37
5	Shale	224			16	320 36
1	SAND LT	225	Hard some Bleed		17	340 35
4	Sandy Lime	229	VERY LITTLE BRN.		18	360 34
44	Shale	273			19	380 33
5	Lime	278			20	400 32
6	Shale	284			21	420 31
4	Lime	288			20	440 30
7	Shale	295	oil smell			460
8	Lime	303				480
1	Sandy Lime	304				500
17	Shale	321				520
3	Lime	324				540
2	BLK-SLT	326				560
11	Shale	337				580
20	Lime	357				600
16	Shale	373				620
2	BLK-SLT	375	no Gas			640
6	Shale	381				660
3	Lime	384				680
10	Shale	394				700
1	BLK-SLT	395	no Gas			720
45	Shale	440				740

Stopped @ 440'

Osborn  
5-9



**620-431-9210 OR 800-467-8676**

FOREMAN Alan Mader

## TREATMENT REPORT & FIELD TICKET

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-16-07	6073	Osborn 5-9				Cass, Mo
CUSTOMER Osborn						
MAILING ADDRESS 2485D Farley						
CITY Barbours	STATE KS	ZIP CODE 66013				

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan M		
495	Casey K		
233	Gary A		

JOB TYPE <u>plug</u>	HOLE SIZE <u>6 1/4</u>	HOLE DEPTH <u>440</u>	CASING SIZE & WEIGHT _____
CASING DEPTH _____	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Established rate. Mixed & pumped 629x 50/50 poz.  
609 gal down tubing @ 440'. Pulled tubing out &  
topped off with 53x cement.

used 67.9v total

Customer supplied water

Alan Made

[illegible]

SALES TAX	41.36
ESTIMATED TOTAL	1628.90

### AUTHORIZATION

TITLE

DATE \_\_\_\_\_